Application # 10/646,991
Response to OA of 04/09/2007
Submitted 07/09/2007

1.   IN THE CLAIMS

3.   This listing of claims will replace all prior versions, and listings, of claims in

the application:

LISTING OF CLAIMS

1. (previously presented) A system for developing and maintaining a network based
application wherein

said application has a common look and feel, said system comprising:

a) a database comprising data tables and storage,

b) a code generator interfacing with said database,

c) toolkit programs, stored in said database, comprising:

i)   an application layer,

ii) an interface layer, and

iii) a core layer

d) code definition files providing input to the code generator,

e) data definition files for defining said data tables,

wherein said code generator generates code for said application by processing code

definition files,

wherein said data definition files configure said data tables to support said toolkit and

said application,

wherein said data tables comprise user data and operational data for said system,

whereby the operation of a plurality of portions of said application is modified by

making a single modification to said code definition files.

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2. (original) The system of claim 1, further comprising at least one document generator, wherein said document generator generates documentation of the design details of the system in at least one document format.

3. (original) The system of claim 1, wherein said network is the Internet.

4. (currently amended) The system of claim 3, further comprising:

   a) a web site, connected to the Internet, comprising:

      i) a web server in communication with said toolkit,

      ii) a file system in communication with said toolkit,

   b) at least one remote web browser running on a web browsing device connected to the Internet,

   wherein said system generates dynamic web pages ~~base~~ based on data and programs stored in said database,

   whereby a user ~~can interact~~ interacts with said application and ~~view~~ views said web pages.

5. (currently amended) The system of claim 4, further comprising a second web browser being viewed by a second user,

   wherein said web pages ~~can be~~ are customized for specific users, such that the dynamic web page generated for the first user is different than the dynamic web page generated from the second user.

6. (original) The system of claim 4, wherein the system generates web pages for a plurality of formats.

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7. (original) The system of claim 6, wherein said format is for a conventional web

browser.

8. (original) The system of claim 6 wherein said format is for a mobile device, such as a

mobile phone or personal digital assistant.

9. (original) The system of claim 4 further comprising a predetermined set of code

definition files and data definition files,

wherein said set of definition files provides a fully functional web site, comprising:

a) default data tables,

b) user interface pages,

c) graphics,

d) toolkit programs providing commonly needed features, such as user accounts,

password management, web site administration, billing, and security,

whereby a substantially robust web site application is provided without modification

of said definition files.

10. (original) The system of claim 9 wherein said predetermined set of files provides a

working example of how to generate an application such as said robust website

application, wherein said working example provides a starting point for developing a

substantially different application by modification of said definition files.

11. (currently amended) The system of claim 1 wherein said code generator, said data

database, and the interface and operation of said application ean be is customized by

modifying said code definition files and data definition files.

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12. (original) The system of claim 1 wherein said database contains the structure for said

data tables and the data stored in said tables.

13. (currently amended) The system of claim 1 wherein one of said application layer, said

interface layer, and said core layer can be is changed without changing the remaining

two layers, whereby such change results in a difference in said application.

14. (original) The system of claim 13 wherein said interface layer defines a plurality of

looks and feels whereby one look and feel can be is changed though out the entire

application without changing the remaining looks and feels and without changing the

application layer.

15. (original) The system of claim 14, wherein different formats are generated by the

toolkit for display on different web browsing devices, whereby one said change

results in changing the look and feel of what is displayed on a plurality of web

browsing devices.

16. (original) The system of claim 15, wherein one of said plurality of web browsing

devices support the WAP format.

17. (original) The system of claim 13 wherein said application layer defines the operation

of the application, whereby changing the application layer results in a different

functional application.

18. (original) The system of claim 13 wherein said database contains a plurality of

customizations that result in a plurality of substantially different applications, and

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wherein the core layer defines the operation of the system itself, whereby changing

the core layer results in providing system wide functionalities that affect all

applications.

19. (original) The system of claim 18, further comprising at least one Internet server

configured for hosting a substantially large number of applications, wherein said

server is operated by an Internet Service Provider providing services to a plurality of

application owners, whereby each of said application owners share a common

application or core layer and is provided a custom look and feel for their specific

application by customization of the data in the database that affects the interface.

20. (original) In a system comprising of a web server, a database, a toolkit, and an

application code generator,

a method of producing custom web sites with substantially different looks and

operations for diverse business disciplines comprising the steps of:

a) defining data in data definition files,

b) specifying code in code definition files,

c) generating data tables based on said data definition files,

d) generating code based on said code definition files,

e) storing said generated code in said database along with said toolkit, and

f) modifying data stored in said database associated with at least one of said web
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whereby said system will dynamically generate web pages for at least one of said

websites having a substantially different look or operation than at least one other of

said websites.

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